FIG. 1

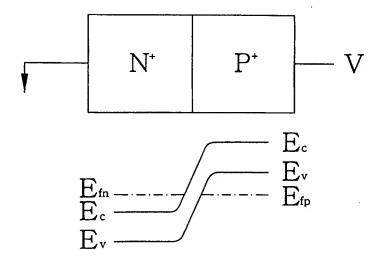


FIG. 2

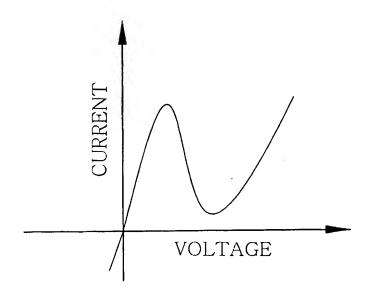


FIG. 3

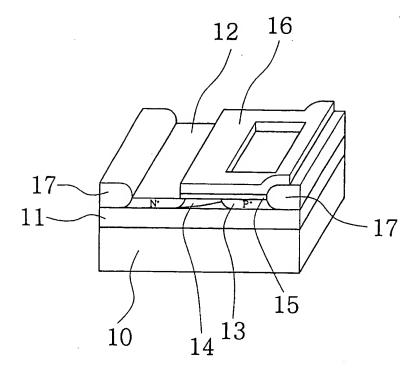


FIG. 4

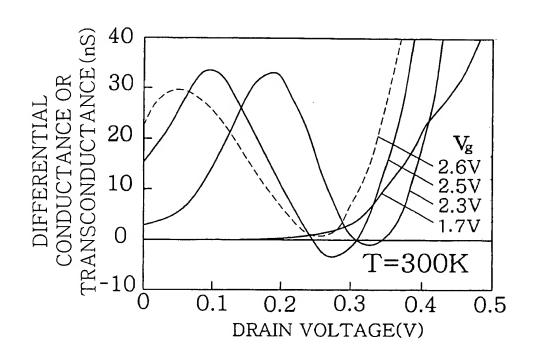


FIG. 5a

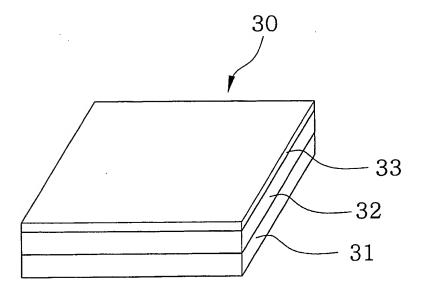


FIG. 5b

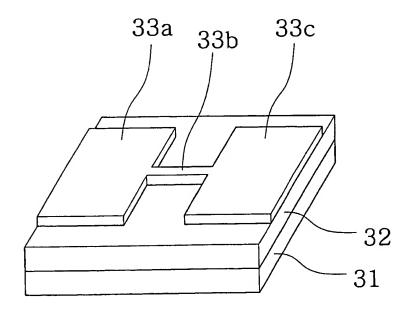


FIG. 5c

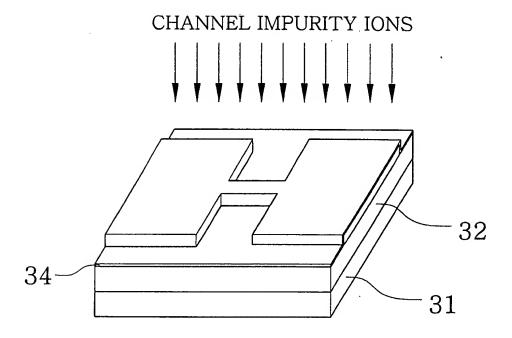


FIG. 5d

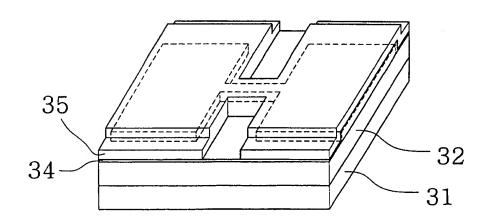


FIG. 5e

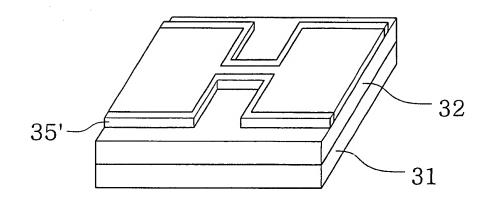


FIG. 5f

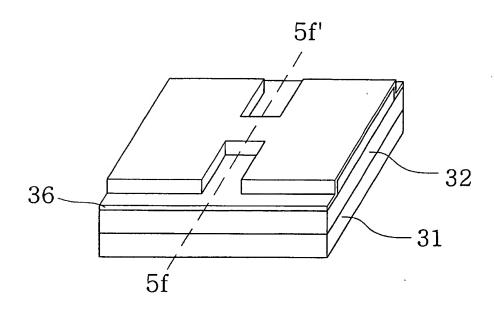


FIG. 5g

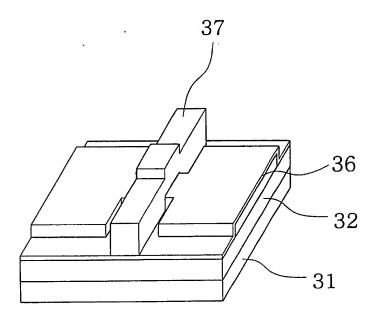


FIG. 5h

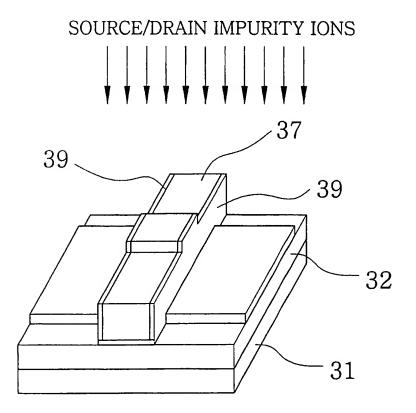


FIG. 6

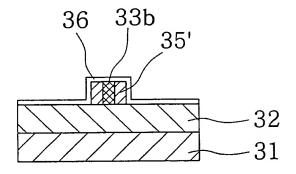


FIG. 7a

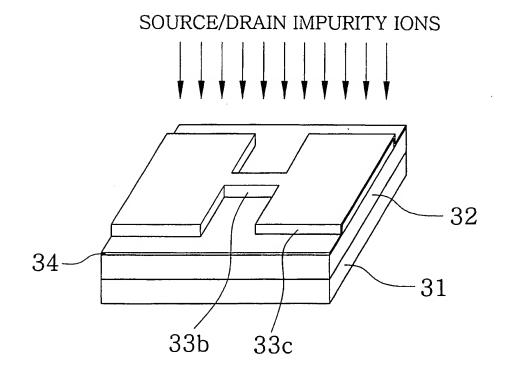


FIG. 7b

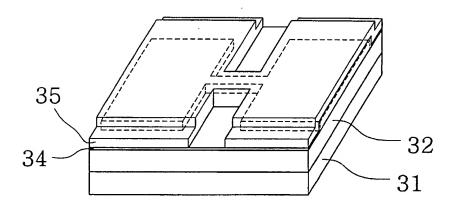


FIG. 7c

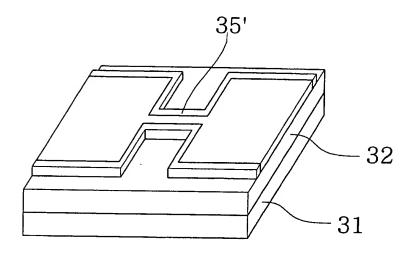


FIG. 7d

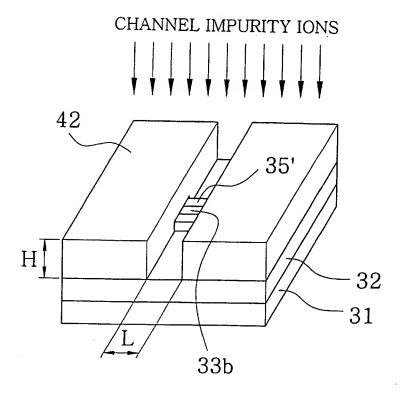


FIG. 7e

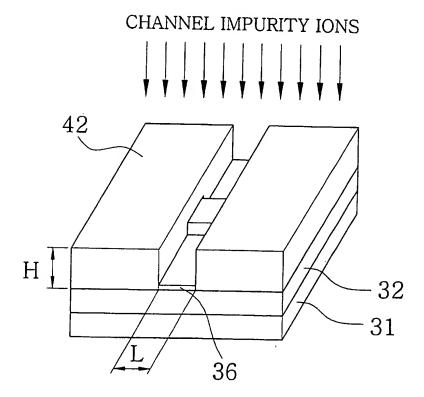


FIG. 7f

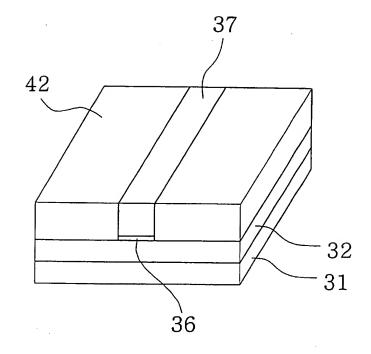
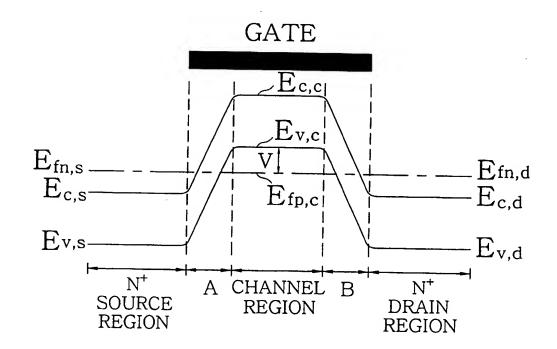


FIG. 8



Efn,s
Ec,c
Ev,c
Ev,c
Etn,d
Ev,d
Ev,d
REGION
FIG. 9a

GATE

Etn,d
Ev,d
DRAIN
REGION

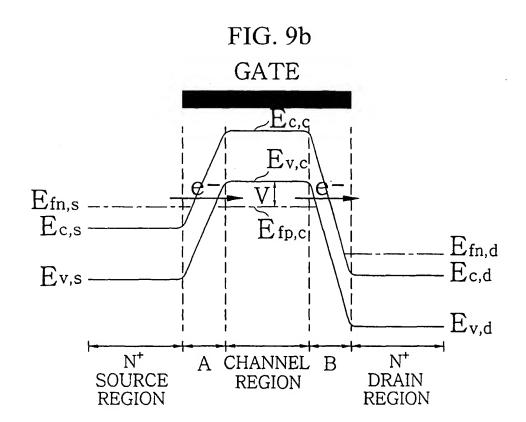


FIG. 9c

GATE $E_{fn,s} = E_{v,c}$ $E_{c,s} = E_{fp,c}$ $E_{v,s} = E_{fn,d}$ $E_{c,d}$

A CHANNEL B REGION

 N^{+}

SOURCE REGION $E_{v,\text{d}}$

 N^{+}

DRAIN REGION

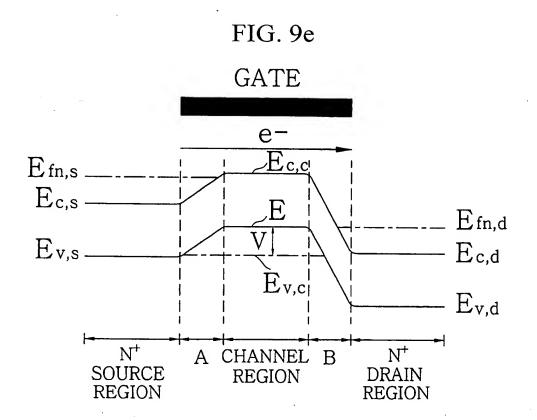
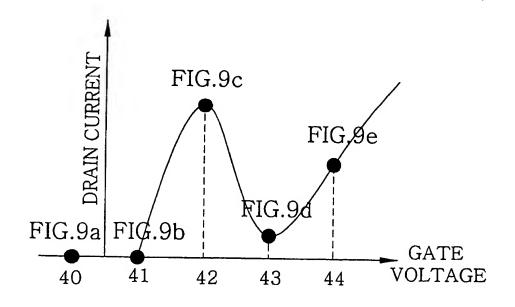


FIG. 10



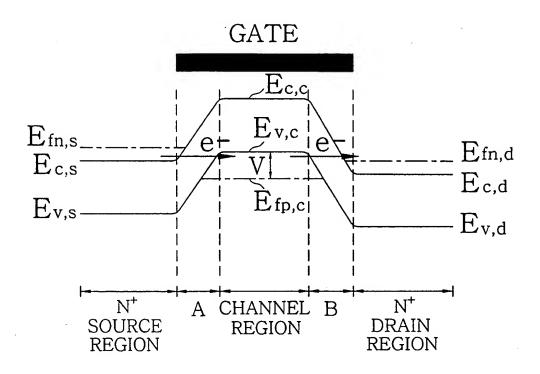


FIG. 12

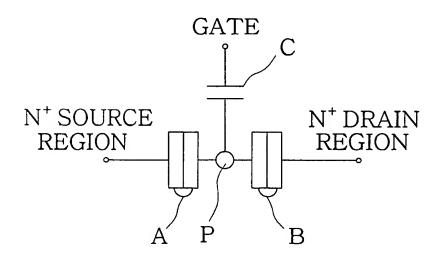


FIG. 13

